

Velagapudi Ramakrishna Siddhartha Engineering College (Autonomous)

Intellectual Property Rights

S. No.	Title	Ref. No	Dept.	Patent Filed Date	Published Date, if any	Name of the Faculty	Status	Type
2020-21								
1.	Design And Development Of Soft Data Driven Sensors For Use In A Waste-To-Energy (Wte) Industry Plant	2020101841	CSE	15/8/2020	9/9/2020 (2020-21)	M., Rajasekhara Babu; Cheelu, Dhanaraj; Kallam, Suresh And Patan, Rizwan	Granted (International) – G_IP_3	Innovation Patent
2.	Quantum Machine Learning Based sensor consolidation approach for IoT	2020102437	CSE	08/10/2020	12/11/2020 (2020-21)	Mekala, Mahammad Shareef; Patan, Rizwa; Rao, D. Rajeswara; Varma, G. P. Saradhi; Kallam, Suresh	Granted (International) G_IP_4	Innovation Patent
3.	Smart Power Controlling Device using Internet of Things	2020103943	CSE	08/12/2020	03/12/2021 (2021-22)	Ch. Rupa Bharath (St) Karthik (St) Kalyani (St) D. Rajeswara Rao	Published	Utility patent (Student)
4.	Method for minimizing the time consumption in software testing process	2020103310	CSE	09-11-2020	23-12-2020 (2020-21)	Jayanthi, Ramasamy; Bhuvanewari, A.; Jothi Prabha, A.; Smitha Chowdary, Ch; Sobhana, M.; Kranthi Kumar, G.; Saravanan, T. M.; Karthikeyan, M.; Subramani, T.; Madiajagan, M.	Granted (International) G_IP_5	Innovation Patent

5.	DTV-Framework Traffic Classification: Deep Learning Frame Work For Traffic Classification And Taking Appropriate Actions On Vehicles Using IOT-Based Technology (GTSRB- DATA SET)	202041051865	CSE	28/11/2020	11/12/2020 (2020-21)	S. Rajesh, S. Babu, A. Jitendra A. R. Pratap	Published	Utility patent
6.	A System And A Method For Preventing Theft Using Blockchain Technology	2020103943	CSE	08/12/2020	18/03/2021 (2020-21)	Rupa, Ch. ; Chakravarthy, A S N ; Shaik, Irfan ; Vinay, Koneru (St))	Granted (International) G_IP_6	Innovation Patent (Student & Industry)
7.	Deep Learning Based System for the Detection of COVID-19 Infections	2021100007	CSE	02/01/2021	25/03/2021 (2020-21)	B, Prabhu kavin; M, Madijagan; Mummaneni, Sobhana; Khan, Mudassir; G, Venkataramana Sagar; Aravindan, Divya Preetha; T., Subramani; Dulles, Preetha; Debele, Dinku Worku; MM, Ramakrishna	Granted (International) G_IP_7	Innovation Patent
8.	Artificial Intelligent System for Predicting the Hard Disk Failure	2021100156	CSE	12/01/2021	08/04/2021 (2020-21)	Mummaneni, Sobhana; Gehlot, Vivek; P., Sakthivel; V. P., Sriram; B, Dwarakanath; D., USHA; Maurya, Ajay Kumar; Rao, Naarisetti Srinivasa; T.,	Granted (International) G_IP_8	Innovation Patent

						Subramani; R N, Ravikumar		
9.	System Of COVID-19 Smart Security Band With Artificial Intelligence And Internet Of Things	202141022174	CSE	18/5/ 2021	18/06/2021 (2020-21)	Prabu.U, Mr. Sachin Chauhan, Dr. Pravin Subhash Gosavi, Dr. Vidula AnilAdkar, Dr. Abhinav Singhal, Mr Ankit Tyagi, Mrs. Shubhangi Chourasia, Dr. Rakesh Kumar Malviya, Mrs.Mohita Madaan, Dr. Aleem Ali, Dr. Abhishek Swaroop, Dr. Vir Narayan, Mohd Saleem	Published	Utility patent
10.	Method And Apparatus For Continuous Electric Power Generation Using Compressed Air	202131009459	CSE	6/3/ 2021	2 nd April 2021 (2020-21)	Dr. Srikanthallamsetty, Mr. Veeresalingamguruguntla, Dr. Mohit Lal, Dr. Rizwan patan	Published	Utility patent
11.	Method, System and device for intrusion detection using Blockchain technology	202141022170	CSE	18/05/2021	11/06/2021 (2020-21)	Dr. Jaya Kumari Dr. Ch. Rupa	Published	Utility patent
12.	Smart System For Driver's Performance Evaluation Using Machine Learning	202141029006	CSE	29/06/2021	09/07/2021 (2021-22)	Dr. Azeem Hafiz P A P. Ramesh Kumar Mr. Udit Mamodiy Dr. Nancy Arya Naveen Sankar G M Sandeep Srivastava Manikantan R Nair	Published	Utility patent

						Mohammed Fahad Dr. Pavithra G. Dr. T.C.Manjunath		
13.	Technology towards 5G network for intelligent health care using IOT notifications with machine learning programming	2021102022	CSE	19/4/2021	03-02-2022 2021-22	Dr. G. Anuradha V.sandeep	Granted (International) G_IP_9	Innovation Patent
14.	Large Scale Iot Pilot Structure For Smart City Plan And Development	2020101211	CSE&IT	1/7/ 2020	22 nd July 2020 (2020-21)	Kallam, Suresh; Munnangi, Ashok Kumar; Rajeyyagari, Sivaram; Sekaran, Ramesh And Patan, Rizwan	Granted (International) G_IP_10	Innovation Patent
15.	Mental and Physical Fitness Prediction Using Machine Learning	202141009027	CSE&IT	4/3/2021	26/3/2021 (2020-21)	Ms T.SriLakshmi G. Anuradha A. Madhuri Yuva Krishna Aluri Lakshmi Ramani B Gadupudi Kalyani B. Tripathi Reddy Dr. Marlapalli Krishna Dr. B. JanakiRamaiah	Published	Utility patent
16.	Performance Improvement of Internet of Things Applications for Smart Cities through Real-Time Big Data Computing	L-104606/2021	CSE	16/05/2021 (2020-21)	18/06/2021 (2020-21)	Yaswanth Raparathi, Rizwan Patan, Suresh Kallam	Registered R_CR_3	Copy Right
17.	System And Method Using Ant Routing	202041031312	IT	22.07.2020	- 28/01/2022	Dr. S. Ramesh Dr. M. Suneetha	Published	Utility patent

	Protocol With Location Services In Intermittently Connected Manets				(2021-22)			
18.	Speech Emotion Recognition: Speech Emotion Recognition Using Deep Learning.	202041033146	IT	03/08/2020	04/09/2020 (2020-21)	1 . Dr. Bonam Janakiramaiah 2 . Dr. Gadupudi Kalyani 3 . Dr. Karuna Arava 4 . Dr. Jayalakshmi Aravapalli 5 . Dr. Manukonda Venkata Purna Chandra Sekhara Rao 6 . Dr. Narayana Satyala	Published	Utility patent
19.	IFER Student Behaviour Identification: Intelligent Student Behaviour Identification Using Fer	2020103514	IT	18/11/2020	13/01/2021 (2020-21)	Kalyani, Gadupudi; Lakshmi, A. Sri; Surana, Amruta; Rathee, Naveen; Shah, Shubham; Usmani, Hamza; Singh, Arya; Sharma, Pooja; Sagar Kothe, Rutuja; Kumar Sarkar, Biplab	Granted (International) G_IP_11	Innovation Patent
20.	Digital Educational Certificate Management System Using Ipfs Based Block Chain	202041053308	IT	08/12/2020	11/12/2020 (2020-21)	Dr.KothaSitaKumari Dr.TadiparthiAnuradh a Mrs.G.JayaLakshmi Dr.K.Kiran Kumar Mr.Prasanth Kumar Sahoo Ms.DharaniMadireddy	published	Utility patent
21.	A System For Monitoring Water Quality On Real-Time Basis, A Device And A	202041054841	IT	16/12/2020	25/12/2020 (2020-21)	Dr.Ch. Gangadhar Mr. Habibulla Mohammad Dr. Sangeetha Yalamanchili Dr. K. Swathi	published	Utility patent

	Method Thereof					Dr . Ch. Suresh Babu Dr. M Sreenivasulu Prof. V.Subrahmanyam		
22.	A System And The Method For Secured Data Storage Classification For Agent-Based Mobile Cloud	2021101398	IT	18/03/2021	28/04/2021 (2020-21)	Sangeetha, Yalamanchili G. Totad, Shashikumar; M., Amanullakhan; Bellamkonda, Sivaiah; Bharamagoudar, Shobha R.; Bhushan, Yannambharath; Mohammed, Mujeeb Shaik; Ravula, Narender; Bharamagoudar, Geeta R.; Selvakanmani, S.; M. S., Muralidharnanji Reddy, Reddappahosur	Granted (International Patent) G_IP_12	Innovation Patent
23.	An IoT Based Remote Solar Monitoring System Design	202141010711	IT	14/03/2021	02/04/2021 (2020-21)	Mr.Sathishkumar, Mr.Silambarasan, Mr. S. L Abdul Haleem, Dr.Narasimha Murthy K N, Dr. Dinesh SheshraoKharate, Dr.SBharathBhushan, Mr. C S Pavan Kumar ,Mr.Chunduru Anilkumar, Dr.B.NagarajaNaik, Ms.MeesalaShobha Rani	Published	Utility patent

24.	A System For Determining And Controlling An Error In A Plant And A Method Thereof	202141011587	IT	18/03/2021	26/03/2021 (2020-21)	Dr. M. Suneetha Praveena Nutakki Madhavi Katamaneni Dr. Prasanthiboyapati K Vijaya Babu Mrutyunjaya S Yalawar Dr. Ravi Kumar Chandu	Published	Utility patent
25.	A Vehicle Tire Control System At Curved Roads Using Intelligent Interfaces And Support Vector Machines	202141025111	IT	06-06-2021	11-06-2021 (2020-21)	Dr.V.Sujatha, Dr.Raghavendra N, Mr.C S Pavan Kumar, Dr.Rabinarayansatpathy, Dr.Sushma Jaiswal, Dr.S.Selvakanmani, Mr.Soubraylusivakumar, Mr.Chintalavenkatesh, Dr.A.Geetha, Mr.Tarun Jaiswal	Published	Utility patent
26.	Smart Home Appliances For Wi-Fi Device Using Iot For Old Age And Disabled Person	202041044233	EIE	04-10-2020	16-10-2020 (2020-21)	. Dr. Rayachoti Eswaraiah 2 . Mrs. Sushma Chowdary Polavarapu 3 . Mrs. Kalpana Seelam 4 . Mrs. Prasanti Korapati 5 . Mrs. Sumalatha Akunuri 6 . Mr. Kattupalli	Published	Utility patent

						Sudhakar 7 . Mr. Sri Hari Nallamala 8 . Dr. Pragnyaban Mishra 9 . Mrs. Kranthi Madala		
27.	A Wireless Networking of Medical Equipment's on Mobile Application for Paperless Clinic	2020103799	EIE	30/11/2020.	03-03-21 (2020-21)	Dr. CSS Anupama, P. Srinivas, M. Srinivas, K. Vijaya Lakshmi, K. Umamaheswari Dr. N. Swathi Dr.B.Anuradha	Granted (International)- G_IP_13	Innovation Patent
28.	Automatic Pathological Voice Quality Assessment Using Iot Based Machine Learning Algorithms	202041029211	EIE	09/07/2020	31/07/2020 (2021-22)	1)Dr S.V.N.Sreenivasu 2)Dr. S. SrinivasuluRaju 3)Dr LalitGarg 4)Mr. Muhammad KashifMajeed 5)Dr BhanuPrakashBattula 6)Dr.Gopi Krishna Sikhakolli 7)Dr. Monika Bhatnagar8)Dr. Siva NageswaraRaoSivaratri	Published	Utility patent
29.	Adjustable back rest Assembly for Motor Cycles	334814-001	ME	01/11/2020	08/01/2021 (2020-21)	KarteekNavuri Vookoti Uma Sai Vara Prasad Dr. M. Balaji Dr. Abdul Munafshaik	Published /Granted (National) R_DP_2	Design patent-
30.	Cashew Microwave Dryer With Shaker"	340782-001	ME	16/03/2021	14/05/2021 (2020-21)	N. Karthik Dr. M. Balaji V. Uma sai vara Prasad P. V. Siva Teja	Published /Granted (National) R_DP_3	Design patent-

31.	Design and fabrication of overdrive enhancer	202141001219	ME	11/01/2021	15/01/2021 (2020-21)	Dr. M. Chandra Sekhar Reddy Mr. M. Peeraiah Dr. K. Nagamalleswarao Dr.B.Balakrishna Mr. D Raju Dr.N.Rajesh Mr.G.Guru Sai Prasad	Published	Utility patent
32.	Computer-Implemented System And Method For Predicting The Strength Of Bricks	202041055947	CE	23.12.2020	24-06-2022 (2021-22)	Dr. V. Mallikarjuna M. Sai Tejas	Published	Utility patent
33.	Reinforcement of Marine Sandy Soil using treated giant fiber and Process thereof	202141025922	CE	10/06/2021	20/08/2021 (2021-22)	Dr. V.V.N. Prabhakara Rao Dr. Anuja. Chapre	Published	Utility patent
34.	A Composition For Preparing Foamed Glass Powder Geopolymer Blocks And Method Of Preparation Thereof	202141026639 Granted No: 392980	CE	15/06/2021	16/07/2021 (2021-22) 25/03/2022 (Granted) (2021-22)	RAUT, Ashwin N. CHARPE, Anuja U.	Granted (National) G_UP_4	Utility patent-
35.	Power system risk curtailment using mobile bi-directional hybrid electric vehicles	202031037600	EEE	01/09/2020	04/03/2022 (2021-22)	SadhanGope, Subhojit Dawn and Shreya Shree Das	Published	Utility patent
36.	An AI Abetted Green Energy Generating Systems	202141012214A	EEE	22/03/2021	02/04/2021 (2020-21)	S.V.R. Lakshmi Kumari	Published	Utility patent
37.	IoT Based Things Speak Environmental Monitoring using Wireless Sensor	202041039548	ECE	12-09-2020	25-09-2020 (2020-21)	1 . Dr. Durga Prakash Matta 2 . Dr. M. Deivakani 3 . Dr. Nidhi	Published	Utility patent

						4 . Dr. Neel Kamal 5 . Swaminathan.S 6 . Manikandan. H 7 . S.Suganya 8 . Dr. Mamatha Gandhi		
38.	Under water pollution monitoring syssem to prevent fatalities of aqua system	202041044264A	Maths	12/10/2020	16/10/2020 (2020-21)	1 . Dr.Ch.Baby Rani 2 . Dr.Nallapati Vedavathi 3 . Dr. Y. Udaya Kumar 4 . Dr. Shaik Mohiddin Shaw 5 . Dr. K.S. Balamurugan 6 . Dr- J L Rama Prasad 7 . Dr. G. Dharmaiah 8 . Sreelatha Sankuru 9 . Nadimpalli Udaya Bhaskara Varma 10 . Kranthi Kumar Kotha	Published	Utility patent
39.	A method and device for object detection	202041051463	MCA	26/11/2020	04/12/2020 (2020-21)	1. Dr. Kumar Cherukupalli 2 . Dr. Anne Venkata Praveen Krishna 3 . Mr. J. Hari Krishna 4 . Mr. Panchagnula Venu Madhav 5 . Mr. Srinivas Modepalli 6 . Dr. P.J.S.Kumar 7 . Dr. Chinta Naga Manisha	Published	Utility patent
40.	Expert System For Detecting Drowsiness In Drivers	202041050058 A	MCA	17/11/2020	27/11/2020 (2020-21)	1. Mr.I.M.N.Krishna 2. Mr.B.Surya Prasada Rao, 3. Mr.Phaneendra	Published	Utility patent

						<p>Kanakamedala,</p> <p>4. Dr.K.Parish Venkata Kumar,</p> <p>5. Mrs.Sonti Harika,</p> <p>6. Mrs.Smritilekha</p> <p>7. Mrs.Yamini T,</p>		
41.	Red Deer Algorithm For Anomaly Detection In Sensor-Based Cyber-Physical Systems	202141017669 A	MCA	16/04/2021	23/04/2021 (2020-21)	<p>1. Dr.Phani Praveen Surapaneni,</p> <p>2. K.Sireesha, Department of</p> <p>3. Priyanka Chandragiri,</p> <p>4. V.Veena,</p> <p>5. Dr.V. Esther Jyothi,</p> <p>6. Puppala Naga Sravanthi,</p> <p>7. Bolem Vamsy Krishna,</p> <p>8. S.Sindhura,</p>	Published	Utility patent
42.	Methodology for the Detection of Bone Fracture in Humans Using Neural Network	2021101325	MCA	14/03/2021	28/04/2021 (2020-21)	<p>1. Dr.F.Fareeza, Dr.M.G.R.</p> <p>2. Mrs. B. Lakshmi,</p> <p>3. Mrs.Thamari Thankam,</p> <p>4. Mr.Rituraj Jain,</p> <p>5. Dr.Anand Shukla,</p> <p>6. Dr.Saurabh Shukla,</p> <p>7. Dr.M.K.Jayanthi</p> <p>8. Dr.Madijagan M,</p> <p>9. Dr.T.Subramani,</p> <p>10. Dr.J.Seetha,</p>	Granted (International)-G_IP_14	Innovation patent